Paper Trade Journal Volume 141 – Year 1957
Index to Feature Articles

Bleaching

	Page	Date
Bleach Plant is the Major Feature of the Second Expansion Phase at Elk Falls —R. G. Knight	26	Nov. 25
Bleach Plant Maintenance Presents Special Problems—R. E. L. Wheless	46	Jun. 17
Brown's New Bleach Plant Has Many Interesting Points—J. C. W. Evans	44	Feb. 18
How to Bleach Mechanical Pulp Made from Chips—G. E. Smedberg and N. J. Statler	20	Dec. 23
Kraft Mill Expansion at Camas Climaxed by C. Z.'s New Bleach Plant	44	Sept. 9
Weyerhaeuser Gives the Industry Its First New Sulphite Mill in Twenty Years—J. C. W. Evans	25	May 27
What Crossett Has Learned About Semi-Chemical Pulping and Bleaching of Hardwoods—R. E. Collins	36	Aug. 19

Board

Addition of Corn Starch at the West End Requires Study of Many Factors —D. E. Lucas and C. J. McDowell	22	Oct. 21
Barrett's New Sunbury Plant Sets the Style for Highest Efficiency for Paper. board Manufacture—D. B. Otis	20	Jul. 22
Canada's Most Modern Insulating Board Plant—P. D. Van Derveer	36	Sept. 23
Continuous Starch Cooking is Effective Means of Preparing Starch for Furnish—J. E. Chinn	46	Sept. 23
Downingtown Expansion Features New Cylinder Board Machine—P. D. Van Derveer	40	Nov. 18
How a Canadian Mill Uses a Vacuum Cylinder on a Board Machine	36	Jan. 28
How to Increase Capacity of Cylinder Board Machines—A. Lowe	22	Sept. 30
How Caliper is Controlled Automatically on Gardner's Cylinder Machines —R. J. Minges and W. H. Alford	40	Mar. 11
How Studies of Used Felts Can Help Solve Machine Problems — C. C. Gorden	40	Feb. 18
Huge New Building Houses Whippany's Giant Cylinder Machine—P. D. Van Derveer	38	Dec. 16
Need for Revised Sewering Techniques in Paperboard Mills—A. J. Palladino	26	Aug. 26
New Discoveries Make a Bright Outlook for Folding Cylinder Machine—W. H. Caddoo	32	Apr. 29
Old Order Changeth, The—Biography of a Cylinder Machine—D. B. Geffken	24	Jan. 7
Operating Difficulties of Cylinder Machines—C. L. Peckham	38	May 27
St. Regis Starts Up World's Biggest Kraft Board Machine	48	Oct. 14
Use of Waste Paper in the Manufacture of Cylinder Folding Grades—G. Oechsle	51	Mar. 11
What's New in Sizing — A. C. Dreshfield	48	Nov. 4

Converting

Coating Conference Brings Out Much Valuable Information—E. F. Barker	29	Jun. 3
Continuing Low Profits Present Serious Problem to Folding Box Makers	50	Jun. 3
Converted Paper and Board Products Trends—J. R. Mutzabaugh	34	Jul. 29
Converting Lightweight Papers and Tissues—R. Small	44	Jun 3
Corrugated Containers Conference Features High Speed Box Machines— P. D. Van Derveer	51	Nov. 4
Cost, Prices and Sales in Corrugated Box Manufacture	56	Dec. 16
How Corrugated Prices and Wages Compare with Steel and Other Industries —A. A. Newburg	40	May 20
How Laminated Cover Stock and Other Pasted Grades are Made at Beckett —E. F. Barker	44	Aug. 12
How One Mill Makes Its Own Supercalender Rolls	46	Jun. 10
How the Trailing Knife Coater is Performing—E. F. Barker	58	Jun. 10
How to Keep Your Air Knife Coater Out of Trouble—W. F. Kallock	32	Apr. 1
New Automatic Machine Makes Pallets from Corrugated Board	32	Sept. 9
New Coating Cuts Damage to Corrugated Containers and Contents— D. Bookshester	30	Dec. 2
Packaging Papers Your Business? Where's Your Packaging Machine?	35	Apr. 22
Statistical Highlights for Shipping Containers—First Nine Months—P. L. Brockington	47	Dec. 9
Three Wall Corrugated Board Sets Out to Prove Its Strength	60	Feb. 11
S. D. Warren Maintains Own Pressroom—J. Payne	43	Sept. 16

Engineering

Accuracy of Paper Mill Turbine Governing Systems and Effect of Speed Range—A. M. Dryer	60	Apr. 15
Another New Pulp Drying Method	21	Jul. 8
Application of Steam Turbines to General Paper Mill Service—H. A. Mayor	36	Mar. 18
Cathodic Protection in Pulp and Paper Mills—J. A. Lehmann	64	Apr. 15
Entirely New Method of Drying and Baling Pulp for Shipment — L. Eberhardt	28	Mar. 18
How Glatfelter Cut Electrical Installation Costs with Cable Trough—N. B. Rohrbauch	34	Apr. 8
How Heat and Chemical Recovery System were Engineered for Crofton	34	Jul. 1

	Page	Date
How Load Cells Offer New Solutions to Industrial Weighing Problems— D. Vandeventer	22	Aug. 26
How to Realize the Full Potential of Lubricated Plug Valves — P. A. Manor	36	May 20
Kalamazoo Paper Company Develops a Precision Paper Piler — F. B. Curtenius	36	Apr. 8
New Continuous Cooking System for Chemical and Semi-Chemical Pulps—L. G. Durant	44	Jun. 24
New Leveling Method Speeds Up Whippany Machine Installation	36	Apr. 1
Paper Machine Cone Pulley Drive Gets New Look—F. P. Doane, Jr.	54	May 6
Problems of Switch Gear Application in Pulp and Paper Mills — C. A. Fletchinger	28	Apr. 22
Progress Report on Conduit Life Tests —V. S. Oakes	52	Jun. 3
Progress Report On the Pressafiner for Pressure Washing and Fiberizing—M. E. Ginaven and A. H. Adams	40	Jan. 28
Speed Governing Systems for Paper Machine Turbines—S. Jacobs	36	Mar. 25
Speed Governors and Speed Setting Relays on Paper Machine Drives—J. G. Absalom	40	Apr. 1
What You Should Know About Lighting Your Mills—D. R. Phillips	34	Jun. 24

Finishing

Automatic Nailer Makes Skids at Mechanicville	44	Aug. 5
How I. P. Uses Automatic Strapping of Paperboard Rolls	42	Dec. 9
Ingenuity in Equipment and Methods Shown in Moraine Finishing Operations—E. F. Barker	48	Apr. 15
KVP Uses Push Button Strapping to Cut Packaging Time in Half	35	Dec. 16
Kalamazoo Paper Co. Develops a Precision Piler—F. B. Curtenius	36	Apr. 8
Knowing Cutter and Layboy Principles Result in Operating Efficiency—R. W. Reigers	42	Dec. 2
New Finishing Room Keeps Pace With Growing Production at Howard Smith	44	Apr. 1
New Look in Roll Handling at O & M	32	Jul. 1
Trends in Use of Palletization and Industrial Trucks in Fine Paper Handling—D. D. Hall	24	Jul. 8
West Virginia Installs Model Supercalender—H. C. Schramm	40	Aug. 5

Forecasts

Converted Paper and Board Products Trends—John R. Mutzabaugh	34	Jul. 29
Current Pulp Situation and Outlook for Wood Pulp Economy of North America—J. L. Ritchie	50	Jun. 24
Economic Review of the First Three Months—W. H. Pederson	33	Jul. 29
Forecasts of Demand for the Industry's Products—John H. Vogel	35	Sept. 16
How We Benefit from Better Association Communications—D. L. Luke, Jr.	38	Mar. 4
New Discoveries Make a Bright Outlook for Folding Cylinder Board—W. H. Caddoo	32	Apr. 29
New Mills and Major Expansions—Definite	56	Feb. 18
Outlook for Market Wood Pulp—L. P. Turcotte	24	Mar. 18
Paper Production and Capacity Survey —M. C. Dobrow	42	Feb. 25
Recent Trends in Paper and Board Consumption—F. L. Grayson	30	Jul. 22
Role of Market Wood Pulp — L. K. Larson	41	Mar. 4
Solid Gains in 1956 Establish New Highs—J. C. W. Evans	51	Feb. 18
Survey of Paperboard Capacity by Grades—A. A. Newburg	25	Jul. 1
Survey of Pulp and Paper Capacity 1955 - 1959	43	Jun. 17
Today's Over-Expansion and Its Marketing Problems—G. J. Ticoulat	46	Mar. 4
Total Marketing — Pulp, Paper and Board Products—W. L. Neubrech	31	Jul. 29
Where Are the New Markets for Paper?—F. J. Edwards	44	Mar. 11

Groundwood

Bull Screening Groundwood Pulp and Refining of Coarse Rejects—K. H. Klemm	50	Nov. 11
Diamond Match Applies Groundwood from Chip Pulping to Softwood—D. B. Otis	36	Feb. 18
Effect of Pulpwood Quality in Groundwood Pulp Production — K. H. Klemm	50	Aug. 12
Entirely New Method of Drying and Baling Pulp for Shipment—L. Eberhardt	28	Mar. 18
Examples of Modern Woodyards — K. H. Klemm	52	Sept. 16
Grinder Control in Groundwood Pulp Manufacture—K. H. Klemm	36	Dec. 23
Groundwood Mill Organization, Control and Record Keeping—K. H. Klemm	26	Dec. 30
How Pulpwood Grinders Are Driven and Governed—K. H. Klemm	36	Oct. 28
How Some Typical Modern Grinder Rooms are Arranged — K. H. Klemm	57	Nov. 18
How to Bleach Mechanical Pulp Made from Chips—G. E. Smedberg and N. J. Statler	20	Dec. 23
How, What, Where and Why of Pulp Stones—K. H. Klemm	35	Oct. 21
Instrumentation in Groundwood Mills—K. H. Klemm	46	Dec. 16
Instrumentation of Groundwood Production from Chips—E. J. Cole and M. Todd	47	Feb. 11
Manpower Requirements in Groundwood Production—K. H. Klemm	38	Nov. 25
Modern Marking Methods and Bark Disposal—K. H. Klemm	50	Sept. 9
Modern Groundwood Production — K. H. Klemm	22	Jul. 29
Pulpwood Transportation to the Mill and Methods of Storage—K. H. Klemm	46	Aug. 19
Removing the Bark from Pulpwood—K. H. Klemm	42	Sept. 2

	Page	Date
Routine Testing and Control Methods in Groundwood Mills—K. H. Klemm	52	Dec. 9
Theoretical Aspects of Groundwood Production—K. H. Klemm	56	Sept. 23
The Problem of Groundwood Quality—K. H. Klemm	40	Dec. 2
Unique Features of Powell River Woodhandling System—R. G. Knight	52	Nov. 18
What are the Advantages of Different Pulp Stone and Grinder Designs—K. H. Klemm	62	Oct. 14
What Factors Influence Grinder Capacity—K. H. Klemm	36	Sept. 30
Wood as a Raw Material for Groundwood Pulp—K. H. Klemm	35	Aug. 5
Wood Transportation Within the Groundwood Mill—K. H. Klemm	30	Aug. 26

Industrial Relations

How A KVP Employee Helps Make His Town Safe	45	Mar. 28
How and Why of Employee Publications—E. F. Barker	30	May 20
How the Labor Contracts Look for 1957	46	Nov. 11
New Challenges Offered for Management Growth—G. S. Conomikes	52	Dec. 16
Technical Manpower Shortage and What We Can Do About It	41	May 13
What are Earnings Opportunities in Our Industry—J. M. Stewart	38	Sept. 9
What I.P. is Doing for High Schools in 15 Paper Mill Communities	30	Apr. 29
Word Magic in Your Employee Relations—J. E. Bedford	44	Apr. 22
What KVP is Doing to Prepare Employees for Retirement—R. E. White	48	Feb. 4

Instrumentation

Automatic Reduction and Handling of Instrument Data—E. J. Cole and M. Todd	44	Feb. 4
Hamilton Studies Machine Variables With Wet and Dry End Beta Gages—P. A. Cerasoli and E. Scharf	44	Dec. 9
How Caliper is Controlled Automatically on Gardner's Cylinder Machines—R. J. Minges and W. H. Alford	40	Mar. 11
How Load Cells Offer New Solutions to Industrial Weighing Problems—D. Vandeventer	22	Aug. 26
How Westvaco Measures Gloss of Moving Paper Webs—J. Field	42	Mar. 25
Instrumentation for High Yield Sulphite Pulping—E. J. Cole and M. Todd	46	Feb. 25
Instrumentation in Groundwood Mills—K. H. Klemm	46	Dec. 16
Instrumentation of Groundwood Production from Chips—E. J. Cole and M. Todd	47	Feb. 11
Instrumentation of Water and Waste Treatment in Pulp and Paper Mills—A. L. Landesman	25	Jan. 21
Latest Thoughts on Groundwood, Kraft and Cylinder Machine Instrumentation—E. J. Cole and M. Todd	55	Apr. 15
Stock Flow Can Be Metered with Orifice Plates—H. Miller	38	Jul. 15

Kraft

Automatic Control Provides Key to More Efficient Precipitator Operation—C. E. Beaver	29	Sept 2
Entirely New Method of Drying and Baling Pulp for Shipment—L. Eberhardt	28	Mar. 18
First Alberta Market Pulp Mill Incorporates Many Innovations	30	Jun. 17
How Chips and Pulp Will Be Processed at B. C. Forest Products Crofton Mill	48	May 6
How Heat and Chemical Recovery Systems Were Engineered for Crofton	34	Jul. 1
How Improvements Have Changed Brown-Stock Washing to Softwood Kraft—T. B. Calhoun, M. B. Pineo and D. Wetherhorn	30	Jan. 14
How Mead Eliminated Recovery Stack Snow at Kingsport	48	Oct. 7
Ingenious Home Made Heat Recovery System Saves $30,000 a Year	36	Jul. 8
Longview Reaches Milestone in Major Expansion Program	36	May 13
Maintenance of Black Liquor Recovery Units—P. H. Miller	36	Jan. 7
Measuring Brown-Stock Washer Effectiveness—W. G. Dedert and H. K. Waters	34	Jan. 14
New Concepts for Screw Press Design—M. E. Ginaven and A. H. Adams	24	Sept. 30
New Recovery Plant at Halifax Has Many Interesting Features — E. A. Mahannah	34	Nov. 11
Progress Report on the Pressafiner for Pressure Washing and Fiberizing—M. E. Ginaven and A. H. Adams	40	Jan. 28
Removing the Bark from Pulpwood—K. H. Klemm	42	Sept. 2
St. Regis Starts Up World's Biggest Kraft Board Machine	48	Oct. 14
Use of Protective Liners in Kraft Digesters—J. A. Adam, D. E. Covey, C. H. Rimmer	22	Apr. 29

Maintenance

Bleach Plant Maintenance Presents Special Problems—R. E. L. Wheless	46	Jun. 17
How and Why of Seals and Their Installation—J. B. Sinclair	40	Jul. 8
How Brunswick Repairs Grooved Press Rolls	46	May 13
How to Take Care of Rubber Rolls—D. A. Kuniholm	43	Oct. 21
Maintenance of Black Liquor Recovery Units—P. H. Miller	36	Jan. 7
Maintenance of Electronic Equipment in a Paper Mill—J. R. Stephens	35	Jul. 29
Maintenance Tips for Unit Heaters	30	Oct. 21
Modern Maintenance Means More Money for Mead—E. F. Barker	41	May 6
Planned Maintenance is Productive Maintenance—B. Carson	52	Jun. 10
Take Care of that Cable—J. B. Sinclair	36	Aug. 19
Use of Protective Liners in Kraft Digesters—J. A. Adam, D. E. Covey, C. H. Rimmer	22	Apr. 29

Material Handling

	Page	Date
Crofton Mill Has Well-Designed and and Versatile Arrangements for Handling Pulp Bales	19	Dec. 30
C. Z.'s Antioch Mill Pioneers New Ideas in Pulp Handling Storage and Transportation—A. S. Macdonald	28	Jan. 28
Examples of Modern Woodyards—K. H. Klemm	52	Sept 16
How Logs, Chips, Hogged Fuel and Limerock Will be Handled at Crofton —J. F. Frisch	36	Mar. 11
How Rolls are Handled for Largest Newspaper	38	Apr. 8
New Look in Roll Handling at O & M	32	Jul. 1
Pulpwood Transportation to the Mill and Methods of Storage — K. H. Klemm	46	Aug. 19
Trends in Use of Palletization and Industrial Trucks in Fine Paper Handling —D. D. Hall	24	Jul. 8
Wide Range of Industrial Trucks at Powell River	38	Dec. 2
Wood Transportation Within the Mill—K. H. Klemm	30	Aug. 26

Mill Descriptions

	Page	Date
Barrett's New Sunbury Plant Sets the Style for Highest Efficiency in Fiberboard Manufacture—D. B. Otis	20	Jul. 22
Bleach Plant is the Major Feature of the Second Expansion Phase at Elk Falls —R. G. Knight	26	Nov. 25
Bowaters Starts Up Third Newsprint Machine	30	Jan. 21
C. Z.'s Antioch Mill Pioneers New Ideas in Pulp Handling Storage and Transportation—A. S. Macdonald	28	Jan. 28
Canada's Most Modern Insulating Board Plant—P. D. Van Derveer	36	Sept. 23
Canada's Newest Paper Machine	38	Apr. 22
Container Corp.'s Newest Board Mill Provides Integrated Operation at Santa Clara	38	Dec. 9
Developments in Pulp and Paper Production in Germany—K. Zurück	42	Mar. 18
Downingtown Expansion Features New Cylinder Board Machine—P. D. Van Derveer	40	Nov. 18
First Alberta Market Pulp Mill Incorporates Many Innovations	30	Jun. 17
First Integrated Tissue Mill in South Uses Southern Kraft Exclusively—J. C. Evans	28	Apr. 8
First Postwar Cylinder Machine on Canadian Pacific Coast—R. G. Knight	30	Dec. 23
Glatfelter Starts-Up the Industry's Most Advanced Book Paper Mill	54	Feb. 11
H & D's New Canadian Semi-Chem Pulp Mill in Trenton—H. J. Ostrowski	28	Oct. 28
How Chips and Pulp Will Be Processed at B. C. Forest Products.	48	May 6
How Heat and Chemical Recovery Systems Were Engineered for Crofton	34	Jul. 1
How Logs, Chips, Hogged Fuel, and Limerock Will be Handled at Crofton—J. F. Frisch	36	Mar. 11
Huge New Building Houses Whippany's Giant Cylinder Machine—P. D. Van Derveer	38	Dec. 16
Kimberly-Clark Operates Europe's Fastest Tissue Machine	46	Sept. 16
Longview Reaches Milestone in Major Expansion Program	36	May 13
Mando Adds High Pressure Boiler and Turbine at International Falls	34	Jan. 28
Many Changes and Improvements at M & O Mills This Year	46	Nov. 4
Modernizing the World's Oldest Operating Paper Mill—G. E. Perkins	30	Jan. 7
Neutral Sulphite Process Sparks Use of Local Hardwoods at Finch, Pruyn —P. D. Van Derveer	34	Nov. 4
New Machine Adds Flexibility at Crystal Tissue	34	Oct. 7
New Recovery Plant at Halifax Has Many Interesting Features — E. A. Mahannah	34	Nov. 11
O-M Starts Up New Project at Kenora	48	Mar. 11
Pioneer Glassine Producer Modernizes	40	Nov. 25
Ruberoid's New Savannah Felt Mill Means Integrated Roofing Production	37	Aug. 12
St. Regis Starts Up World's Biggest Kraft Board Machine	48	Oct. 14
Six Hundred Year Old French Paper Mill Still Going Strong	52	May 6
Weyerhaeuser Gives the Industry Its First New Sulphite Mill in Twenty Years—J. C. W. Evans	25	May 27
Weyerhaeuser Pioneers with NSSC Pulping of Red Alder—R. Gordon Knight	23	Dec. 30
World's Largest Yankee Aims at Speeds Up to 3000 F.P.M.	35	Mar. 25

Miscellaneous

	Page	Date
Applications for Polyvinyl Alcohol in the Paper Industry—D. E. Lowry	26	Dec. 23
History of Papermaking in Ohio—E. F. Barker	36	Sept. 2
How and Why of Industrial Foam Problems and Their Solution With Anti Foams—M. J. Jurisch	52	Jul. 15
Huyck Method for Detecting Chemical Damage in Paper Machine Felts—Chlorine and Alkali—Wm. H. Houff and R. H. Beaumont	43	May 20
In Plant Conservation—What It Means and What We Have Done About it —C. R. Seaborne, Jr.	38	Nov. 11
Mad Skunk Bites Boy	27	Jul. 29
My Responsibilities to Others in My Company—Ellen Arnold	42	Jul. 29
On the Origin of Papermaking Terms—E. F. Barker	55	Dec. 16
Paper Products Have a History Too—E. F. Barker	40	Jul. 22
Rapid Continuous Methods for Depithing and Pulping Bagasse — J. E. Atchison	36	Aug. 26
Repeal or Suspension of Casein Tariff —J. R. Spellacy	27	May 20
Venerable Paper Maker Talks with Editor Barker—E. F. Barker	48	Jul. 15
William Beckett, Papermaker, Pilot, Politician	48	Feb 25

Papermaking

	Page	Date
A Brand New Papermaking Fiber	23	Nov. 25
A New Slime Control Agent — W. J. Connolly	46	Aug. 5
Addition of Corn Starch at the Wet End Requires Study of Many Factors—D. E. Lucas and C. J. McDowell	22	Oct. 21
Automatic Cleaning on Paper Machines —R. F. Kipp	34	Oct. 28
Canada's Newest Paper Machine	38	Apr. 22
Continuous Starch Cooking is Effective Means of Preparing Starch for Furnish—J. E. Chinn	46	Sept. 23
First Integrated Tissue Mill in South Uses Southern Kraft Exclusively—J. C. W. Evans	28	Apr. 8
Hamilton Studies Machine Variables with Wet and Dry End Beta Gages—P. A. Cerasoli and E. Scharf	44	Dec. 9
How and Why of Industrial Foam Problems and Their Solution With Antifoams—M. J. Jurisch	52	Jul. 15
How Much Do We Know About Wet Strength Papers—K. W. Britt	36	Jul. 1
How Studies of Used Felts Can Help Solve Machine Problems — C. C. Gordon	40	Feb. 18
How the Quality Control Program Operates at KVP—R. C. Paris	48	Aug. 5
How Westvaco Measure Gloss of Moving Paper Webs—J. Field	42	Mar. 25
Kimberly-Clark Operates Europe's Fastest Tissue Machine	46	Sept. 16
New Splicing Tape Solves Repulping Woes	34	Apr. 1
New Synthetic Papermaking Fiber Introduced at Paper-Plastics Meeting—E. F. Barker	24	Oct. 28
Paper Machine Cone Pulley Drive Gets the New Look—F. P. Doane, Jr.	54	May 6
Recent Developments in Felts for Paper Machine Suction Transfer Units — L. M. Woodside	42	Nov. 11
Speed Governing Systems for Paper Machine Turbines—S. Jacobs	36	Mar. 25
Speed Governors and Speed Setting Relays on Paper Machine Drives—J. G. Absalom	40	Apr. 1
Stock Flow Can Be Metered with Orifice Plates—H. Miller	38	Jul. 15
Swanee Paper Gets Excellent Results on Wire Patching—B. J. Twisdale	59	Oct. 14
The Effects of Shake in Slow Speed Fourdrinier Operation—R. G. Hitchings	42	Oct. 7
West Virginia Installs Model Supercalender—H. C. Schramm	40	Aug. 5
What's New in Sizing — A. C. Dreshfield	48	Nov. 4
Where are Synthetic Fiber Papers Headed — J. R. Emery and P. R. Lantos	39	Mar. 25
World's Largest Yankee Aims at Speed Up to 3000 F.P.M.	35	Mar. 25

Production Statistics

	Page	Date
Economic Review of our First Six Months—W. L. Neubrech	51	Oct. 7
Every Segment of the Canadian Industry Hits New High Levels—R. M. Fowler	39	Feb. 4
First Quarter Production is 7.7 Million Tons	42	Jun. 10
Paper Production and Capacity Survey —M. C. Dobrow	42	Feb. 25
Production in First Half Is 15.5 Million Tons—John Vogel	50	Aug. 19
Pulp, Paper and Board Trends — First Half of Year—W. H. Pederson	52	Oct. 7
Recent Trends In New England Production	40	Jun. 10
Solid Gains in 1956 Establish New Highs —J. C. W. Evans	51	Feb. 18

Pulp Stock Cleaning

	Page	Date
Bull Screening Groundwood Pulp and Refining of Coarse Rejects — K. H. Klemm	50	Nov. 11
Deinking Conference Another Big Success—E. F. Barker	70	Oct. 14

Semi-Chemical

	Page	Date
H & D's New Canadian Semi-Chem Pulp Mill in Trenton—H. J. Ostrowski	28	Oct. 28
Neutral Sulphite Process Sparks Use of Local Hardwoods at Finch, Pruyn—P. D. Van Derveer	34	Nov. 4
New Concepts for Screw Press Design—M. E. Ginaven and A. H. Adams	24	Sept. 30
New Continuous Cooking System for Chemical and Semi-Chemical Pulps—L. G. Durant	44	Jun. 24
Operating Experiences in a Neutral Sulphite Semi-Chemical Pulp Mill—R. W. Doe	35	Nov. 25
Progress Report on the Pressafiner for Pressure Washing and Fiberizing—M. E. Ginaven and A. H. Adams	40	Jan. 28
What Crossett Has Learned About Semi-Chemical Pulping and Bleaching of Hardwoods—R. E. Collins	36	Aug. 19
Weyerhaeuser Pioneers with NSSC Pulping of Red Alder—R. Gordon Knight	23	Dec. 30

Sulphite

	Page	Date
Ammonia Base Sulphite Pulping — M. Barsalou	34	Jan. 21
Comparative Study of Linings for Sulphite Digesters—J. M. Jopp	28	Sept. 30
Entirely New Method for Drying and Baling for Shipment—L. Eberhardt	28	Mar. 18
Instrumentation for High Yield Sulphite Pulping—E. J. Cole and M. Todd	46	Feb. 25
Many Advantages Are Obtained with New Flakt Dryer at Oskarstrom Mill —L. Grundberg	52	Sept. 23
Modern Sulphite Digester Linings — Recent Technical Developments—E. F. Tucker	25	Oct. 21
Successful Installation of High Yield Sulphite Plant at Ste Anne Paper—R. M. Stuart	60	Nov. 18
Weyerhaeuser Gives the Industry Its First New Sulphite Mill in Twenty Years—J. C. W. Evans	25	May 27

Waste Paper

	Page	Date
Use of Waste Paper in the Manufacture of Cylinder Folding Grades — G. Oechsle	51	Mar. 11

Wood Handling

	Page	Date
Buying Pulpwood by Weight as Compared with Volume Measurement—M. A. Taras	36	Feb. 25
Effect of Pulpwood Quality in Groundwood Pulp Production—K. H. Klemm	50	Aug. 12
Examples of Modern Woodyards — K. H. Klemm	52	Sept. 16
How Logs, Chips, Hogged Fuel and Limerock Will Be Handled at Crofton—J. F. Frisch	36	Mar. 11
Modern Barking Methods and Bark Disposal—K. H. Klemm	50	Sept. 9
Pulpwood Supplies Current and Future —W. S. Bromley	40	Jan. 14
Pulpwood Transportation to the Mill and Methods of Storage — K. H. Klemm	46	Aug. 19
Unique Features of Powell River Woodhandling System—R. G. Knight	52	Nov. 18
Use of Chips from Sawmill Waste at Crossett—J. E. Meadows	34	Dec. 2
Where the Hinton Mill Gets Its Wood	38	Jun. 17
Wood as a Raw Material for Groundwood Pulp—K. H. Klemm	35	Aug. 5
Wood Transportation within the Groundwood Mill—K. H. Klemm	30	Aug. 26
Yield of Sawmill Residue Pine Pulp Chips by Sawlog Size—P. R. Kramer	44	Jul. 15

Author Index to 1957 Feature Articles

A

Absalom, J. G.—Speed Governors and Speed Setting Relays on Paper Machine Drives—40, Apr. 1.

Adams, A. H.—New Concepts for Screw Press Design—24, Sept. 30. Progress Report on the Pressafiner for Pressure Washing and Fiberizing—40, Jan. 28.

Arnold, Ellen—My Responsibilities to Others in My Company—42, Jul. 29.

Atchison, J. E.—Rapid Continuous Methods for Depithing and Pulping Bagasse—36, Aug. 26.

Alford, W. H.—How Caliper is Controlled Automatically on Gardner's Cylinder Machines—40, Mar. 11.

B

Barsalou, M.—Ammonia Base Sulphite Pulping—34, Jan. 21.

Barker, E. F.—Coating Conference Brings Out Much Valuable Information—29, Jun. 3. Deinking Conference Another Big Success—70, Oct. 14. History of Papermaking in Ohio—36, Sept. 2. How and Why of Employee Publications—30, May 20. How Laminated Cover Stock and Other Pasted Grades are Made at Beckett—44, Aug. 12. How the Trailing Knife Coater is Performing—38, Jun. 10. Ingenuity in Equipment and Methods Shown in Moraine Finishing Operations—48, Apr. 15. Modern Maintenance Means More Money for Mead—41, May 6. New Synthetic Papermaking Fiber Introduced at Paper-Plastics Meeting—24, Oct. 28. On the Origin of Papermaking Terms—55, Dec. 16. Paper Products Have a History Too—40, Jul. 22. Venerable Paper Maker Talks with Editor Barker—48, Jul. 15.

Beaumont, R. H.—Huyck Method for Detecting Chemical Damage in Paper Machine Felts—Chlorine and Alkali—43, May 20.

Beaver, C. E.—Automatic Control Provides Key to More Efficient Precipitator Operation—29, Sept. 2.

Bedford, J. E.—Word Magic in Your Employee Relations —44, Apr. 22.

Bookshester, D.—New Coating Cuts Damage to Corrugated Containers and Contents—30, Dec. 2.

Britt, K. W.—How Much Do We Know About Wet Strength Papers—36, Jul. 1.

Brockington, P. L. — Statistical Highlights for Shipping Containers—First Nine Months—47, Dec. 9.

Bromley, W. S.—Pulpwood Supplies Current and Future —40, Jan. 14.

C

Caddoo, W. H.—New Discoveries Make a Bright Outlook for Folding Cylinder Machine—32, Apr. 29.

Calhoun, T. B.—How Improvements Have Changed Brown Stock Washing of Softwood Kraft—30, Jan. 14.

Carson, B.—Planned Maintenance is Productive Maintenance 52, June 10.

Cerasoli, P. A.—Hamilton Studies Machine Variables with Wet and Dry End Beta Gages—44, Dec. 9.

Chinn, J. E.—Continuous Starch Cooking is Effective Means of Preparing Starch for Furnish—46, Sept. 23.

Cole, E. J.—Automatic Reduction and Handling of Instrument Data—44, Feb. 4. Instrumentation for High Yield Sulphite Pulping—46, Feb. 25. Instrumentation of Groundwood Production from Chips—47, Feb. 11. Latest Thoughts on Groundwood, Kraft and Cylinder Machine Instrumentation—55, Apr. 15.

Collins, R. E.—What Crossett Has Learned About Semi-Chemical Pulping and Bleaching of Hardwoods—36, Aug. 19.

Connolly, W. J.—A New Slime Control Agent—46, Aug. 5.

Conomikes, G. S.—New Challenges Offered for Management Growth—52, Dec. 16.

Covey, D. E.—Use of Protective Liners in Kraft Digesters —22, Apr. 29.

Curtenius, F. B.—Kalamazoo Paper Co. Develops a Precision Paper Piler—36, Apr. 8.

D

Dedert, W. G.—Measuring Brown Stock Washer Effectiveness—34, Jan. 14.

Doane, F. P., Jr.—Paper Machine Cone Pulley Drive Gets New Look—54, May 6.

Dobrow, M. C.—Paper Production and Capacity Survey—42, Feb. 25.

Doe, R. W.—Operating Experiences in a Neutral Sulphite Semi-Chemical Pulp Mill—35, Nov. 25.

Dreshfield, A. C.—What's New in Sizing?—48, Nov. 4.

Dryer, A. M.—Accuracy of Paper Mills Turbine Governing Systems and Effect of Speed Range—60, Apr. 15.
Durant, L. G.—New Continuous Cooking System for Chemical and Semi-Chemical Pulps—44, Jun. 24.

E

Eberhardt, L.—Entirely New Method of Drying and Baling Pulp for Shipment—28, Mar. 18.
Edwards, F. J.—Where are the New Markets for Paper? —44, Mar. 11.
Emery, J. R.—Where are Synthetic Fiber Papers Headed —39, Mar. 25.
J. C. W. Evans—Brown's New Bleach Plant Has Many Interesting Points—44, Feb. 18. First Integrated Tissue Mill in South Uses Southern Kraft Exclusively —28, Apr. 8. Solid Gains in 1956 Establish New Highs—51, Feb. 18. Weyerhaeuser Gives the Industry Its First New Sulphite Mill in Twenty Years 25, May 27.

F

Field, J.—How Westvaco Measures Gloss of Moving Paper Webs—42, Mar. 25.
Fletchinger, C. A.—Problems of Switch Gear Application in Pulp and Paper Mills—28, Apr. 22.
Fowler, R. M.—Every Segment of the Canadian Industry Hits New High Levels—39, Feb. 4.
Frisch, J. F.—How Logs, Chips, Hogged Fuel and Limerock Will be Handled at Crofton—36, Mar. 11.

G

Geffken, D. B.—The Old Order Changeth—Biography of of a Cylinder Machine—24, Jan. 7.
Ginaven, M. E.—Progress Report on the Pressafiner for Pressure Washing and Fiberizing—40, Jan. 28. New Concepts for Screw Press Design—24, Sept. 30.
Gordon, C. C.—How Studies of Used Felts Can Help Solve Machine Problems—40, Feb. 18.
Grayson, F. L.—Recent Trends in Paper and Board Consumption—31, Jul. 22.
Grundberg, L.—Many Advantages are Obtained with New Flakt Dryer at Oskarstrom Mill—52, Sept. 23.

H

Hall, D. D.—Trends in Use of Palletization and Industrial Trucks in Fine Paper Handling—24, Jul. 8.
Hitchings, R. G.—The Effects of Shake in Slow Speed Fourdrinier Operation—42, Oct. 7.
Houff, W. H.—Huyck Method for Detecting Chemical Damage in Paper Machine Felts — Chlorine and Alkali—43, May 20.

J

Jacobs, S.—Speed Governing Systems for Paper Machine Turbines—36, Mar. 25.
Jopp, J. M.—Comparative Study of Linings for Sulphite Digesters—28, Sept. 30.
Jurisch, M. J.—How and Why of Industrial Foam Problems and Their Solution With Anti-Foams—52, Jul. 15.

K

Kallock, W. F.—How to Keep Your Air Knife Coater Out of Trouble—32, Apr. 1.
Kipp, R. F.—Automatic Cleaning on Paper Machines—34, Oct. 28.
Klemm, K. H.—Bull Screening Groundwood Pulp and Refining of Coarse Rejects—50, Nov. 11. Effect of Pulpwood Quality in Groundwood Pulp Production —50, Aug. 12. Examples of Modern Woodyards—52, Sept. 16. How Pulpwood Grinders are Driven and Governed—36, Oct. 28. How Some Typical Modern Grinder Rooms Are Arranged—57, Nov. 18. How, What, Where and Why of Pulp Stones—35, Oct. 21. Instrumentation in Groundwood Mills —46, Dec. 16. Manpower Requirements in Groundwood Production—38, Nov. 25. Modern Barking Methods and Bark Disposal—50, Sept. 9. Modern Groundwood Production—22, Jul. 29. Pulpwood Transportation to the Mill and Methods of Storage —46, Aug. 19. Removing the Bark from Pulpwood —42, Sept. 2. Routine Testing and Control Methods in Groundwood Mills—52, Dec. 9. The Problem of Groundwood Quality—40, Dec. 2. Theoretical Aspects of Groundwood Production—56, Sept. 23. What Are the Advantages of Different Pulp Stone and Grinder Designs—62, Oct. 14. What Factors Influence Grinder Capacity—36, Sept. 30. Wood as a Raw Material for Groundwood Pulp—35, Aug. 5. Wood Transportation Within the Groundwood Mill—30, Aug. 26. Grinder Control in Groundwood Pulp Manufacture—36, Dec. 23. Groundwood Mill Organization, Control and Record Keeping—26, Dec. 30.
Knight, R. G.—Bleach Plant Is the Major Feature of the Second Expansion Phase at Elk Falls—26, Nov. 25. Unique Features of Powell River Woodhandling System—52, Nov. 18. First Postwar Cylinder Machine on Canadian Pacific Coast—30, Dec. 23 Weyerhaeuser Pioneers with NSSC Pulping of Red Alder—23, Dec. 30.
Kramer, P. R.—Yield of Sawmill Residue Pine Pulp Chips by Sawlog Size—44, Jul. 15.
Kuniholm, D. A.—How to Take Care of Rubber Rolls—43, Oct. 21.

L

Landesman, A. L.—Instrumentation of Water and Waste Treatment in Pulp and Paper Mills—25, Jan. 21.
Lantos, P. R.—Where are Synthetic-Fiber Papers Headed? —39, Mar. 25.
Larson, L. K.—Role of Market Wood Pulp—41, Mar. 4.
Lehmann, J. A.—Cathodic Protection in Pulp and Paper Mills—64, Apr. 15.
Lowe, A.—How to Increase Capacity of Cylinder Board Machines—22, Sept. 30.
Lowry, D. E.—Applications for Polyvinyl Alcohol in the Paper Industry—26, Dec. 23.
Lucas, D. E.—Addition of Corn Starch at the Wet End Requires Study of Many Factors—22, Oct. 21.
Luke, D. L., Jr.—How We Benefit from Better Association Communications—38, Mar. 4.

M

Macdonald, A. S.—C-Z's Antioch Mill Pioneers New Ideas in Pulp Handling Storage and Transportation —28, Jan. 28.
Manor, P. A.—How to Realize the Full Potential of Lubricated Plug Valves—36, May 20.
Mayor, H. A.—Application of Steam Turbines to General Paper Mill Service—36, Mar. 18.
Mahannah, E. A.—New Recovery Plant at Halifax Has Many Interesting Features—34, Nov. 11.
McDowell, C. J.—Addition of Corn Starch at the Wet End Requires Study of Many Factors—22, Oct. 21.
Meadows, J. E.—Use of Chips from Sawmill Waste at Crossett—34, Dec. 2.

Miller, H.—Stock Flow Can be Metered with Orifice Plates —38, Jul. 15.
Miller, P. H.—Maintenance of Black Liquor Recovery Units—36, Jan. 7.
Minges, R. J.—How Caliper is Controlled Automatically on Gardner's Cylinder Machines—40, Mar. 11.
Mutzabaugh, J. R.—Converted Paper and Board Products Trends—34, Jul. 29.

N

Neubrech, W. L.—Economic Review of our First Six Months—51, Oct. 7. Total Marketing—Pulp, Paper and Board Products—31, Jul. 29.
Newburg, A. A.—How Corrugated Prices and Wages Compare with Steel and Other Industries—40, May 20. Survey of Paperboard Capacity by Grades—25, Jul. 1.

O

Oakes, V. S.—Progress Report on Conduit Life Tests—52, Jun. 3.
Oechsle, G.—Use of Waste Paper in the Manufacture of Cylinder Folding Grades—51, Mar. 11.
Ostrowski, H. J.—H & D's New Canadian Semi-Chem Pulp Mill in Trenton—28, Oct. 28.
Otis, D. B.—Barrett's New Sunbury Plant Sets the Style for Highest Efficiency for Paperboard Manufacture—20, Jul. 22. Diamond Match Applies Groundwood-from-chip Pulping to Softwood—36, Feb. 18.

P

Palladino, A. J.—Need for Revised Sewering Techniques in Paperboard Mills—26, Aug. 26.
Paris, R. C.—How the Quality Control Program Operates at KVP—48, Aug. 5.
Payne, J.—S. D. Warren Maintains Own Pressroom—43, Sept. 16.
Peckham, C. L.—Operating Difficulties of Cylinder Machines—38, May 27.
Pederson, W. H.—Economic Review of the First Three Months—33, Jul. 29. Pulp, Paper and Board Trends —First Half of Year—52, Oct. 7.
Perkins, G. E.—Modernizing the World's Oldest Operating Paper Mill—30, Jan. 7.
Phillips, D. R.—What You Should Know About Lighting Your Mills—34, Jun. 24.
Pineo, M. B.—How Improvements Have Changed Brown Stock Washing of Softwood Kraft—30, Jan. 14.

R

Reigers, R. W.—Knowing Cutter and Layboy Principles Results in Operating Efficiency—42, Dec. 2.
Rimmer, C. H.—Use of Protective Liners in Kraft Digesters—22, Apr. 29.
Ritchie, J. L.—Current Pulp Situation and Outlook for Wood Pulp Economy of North America—50, Jun. 24.
Rohrbauch, N. B.—How Glatfelter Cut Electrical In-stallation Costs with Cable Trough—34, Apr. 8.

S

Scharf, E.—Hamilton Studies Machine Variable with Wet and Dry End Beta Gages—44, Dec. 9.
Schramm, H. C.—West Virginia Installs Model Supercalender—40, Aug. 5.
Seaborne, C. R., Jr.—In Plant Conservation—What it Means and What We Have Done About it—38, Nov. 11.
Sinclair, J. B.—How and Why of Seals and Their Installation—40, Jul. 8. Take Care of that Cable—36, Aug. 19.
Small, R.—Converting Lightweight Papers and Tissues—44, Jun. 3.
Smedberg, G. E.—How to Bleach Mechanical Pulp Made from Chips—20, Dec. 23.
Spellacy, J. R.—Repeal or Suspension of Casein Tariff —27, May 20.
Statler, N. J.—How to Bleach Mechanical Pulp Made from Chips—20, Dec. 23.
Stephens, J. R.—Maintenance of Electronic Equipment in a Paper Mill—35, Jul. 29.
Stewart, J. M.—What are Earnings Opportunities in Our Industry—38, Sept. 9.
Stuart, R. M.—Successful Installation of High Yield Sulphite Plant at Ste. Anne Paper—60, Nov. 18.

T

Taras, M. A.—Buying Pulpwood by Weight as Compared with Volume Measurement—36, Feb. 25.
Ticoulat, G. J.—Todav's Over-Expansion and Its Marketing Problems—46, Mar. 4.
Todd, M.—Automatic Reduction and Handling of Instrument Data—44, Feb. 4. Instrumentation for High Yield Sulphite Pulping—46, Feb. 25. Instrumentation of Groundwood Production from Chips—47, Feb. 11. Latest Thoughts on Groundwood, Kraft and Cylinder Machine Instrumentation—55, Apr. 15.
Tucker, E. F.—Modern Sulphite Digester Linings—Recent Technical Developments—25, Oct. 21.
Turcotte, L. P.—Outlook for Market Wood Pulp—24, Mar. 18.
Twindale, B. J.—Swanee Paper Gets Excellent Results on Wire Patching—59, Oct. 14.

V

Vandeventer, D.—How Load Cells Offer New Solutions to Industrial Weighing Problems—22, Aug. 26.
Van Derveer, P. D.—Canada's Most Modern Insulating Board Plant—36, Sept. 23. Corrugated Containers Conference Features High Speed Box Machines—51, Nov. 4. Downingtown Expansion Features New Cylinder Board Machine—40, Nov. 18. Huge New Building Houses Whippany's Giant Cylinder Machine—38, Dec. 16. Neutral Sulphite Process Sparks Use of Local Hardwoods at Finch, Pruyn—34, Nov. 4.
Vogel, J. H.—Forecasts of Demand for the Industry's Products—35, Sept. 16. Production in First Half is 15.5 Million Tons—50, Aug. 19.

W

Waters, H. K.—Measuring Brown Stock Washer Effectiveness—34, Jan. 14.
Wetherhorn, D.—How Improvements Have Changed Brown Stock Washing of Softwood Kraft—30, Jan. 14.
Wheless, R. E. L.—Bleach Plant Maintenance Presents Special Problems—46, Jun. 17.
White, R. E.—What KVP is Doing to Prepare Employees for Retirement—48, Feb. 4.
Woodside, L. M.—Recent Developments in Felts for Paper Machine Suction Transfer Units—42, Nov. 11.

Z

Zurück, K.—Developments in Pulp and Paper Production in Germany—42, Mar. 18.